



# PUBLIC NOTICE

**File Number: NRS 15.004**

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Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Tim Long  
Valero Refining  
14902 River Road  
Norco, LA 70809  
985-764-4716

**LOCATION:** Valero Memphis Refinery, 543 West Mallory Avenue, Memphis, Shelby County, (Lat:35.0861/-90.089583)

**PROJECT DESCRIPTION:** The applicant proposes to replace the existing cell dolphins and dredge accumulated sediments around the barge tie up to accommodate low water operations.

Impact 1: Latitude: 35.0861                      Longitude: -90.089583  
McKellar Lake

The applicant proposes the replacement of the existing cell dolphins and dredging of accumulated sediments around the barge tie up to accommodate low water operations. After completion of the dolphin replacement the permit will remain in effect for five years to allow for periodic maintenance dredging around the facility.

**WATERSHED / WATERBODY DESCRIPTION:** McKellar Lake is an embayment of the Mississippi River. The Tennessee portion of the Mississippi River Watershed is located in West Tennessee and includes parts of Dyer, Lake, Lauderdale, Shelby and Tipton counties. It is approximately 1,086 square miles (590 square miles in Tennessee) and drains into the Mississippi River. There are 35 known rare plant and animal species in the Tennessee portion of the Mississippi River Watershed. For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

McKellar Lake (TN08010100001\_1200) is in the Coastal Plains Ecoregion (73a). The channel dimensions are all greater than 100' with a navigable water depth of 9'+/-. Typical substrate in this section is comprised of sand and mud.

McKellar Lake was assessed in 2013. It is not supporting its designated uses. The specific uses that are not meeting use support and the causes are as follows: Recreation and Fish and Aquatic Life due to discharges from sanitary sewer overflow and dredging. The lake is available for the proposed impacts to habitat.

**Stream Name / ID #:** McKellar Lake (TN08010100001\_1200)

**Ecoregion:** Coastal Plains Ecoregion (73a).

**Stream Dimension:** Channel bottom width <100  
Channel top width <100  
Water depth ~9'  
Bank height 14-20'

**Substrate:** sand and mud

<b>Designated Use</b>	<b>Use Support</b>	<b>Causes</b>
Fish and aquatic life	not supporting	sanitary sewer overflow and dredging
Recreation	not supporting	
Industrial water supply	fully supporting	
Irrigation	fully supporting	
Livestock watering/wildlife	fully supporting	

**Assessment Date:** 2013

**PERMIT COORDINATOR:** Brian Canada

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

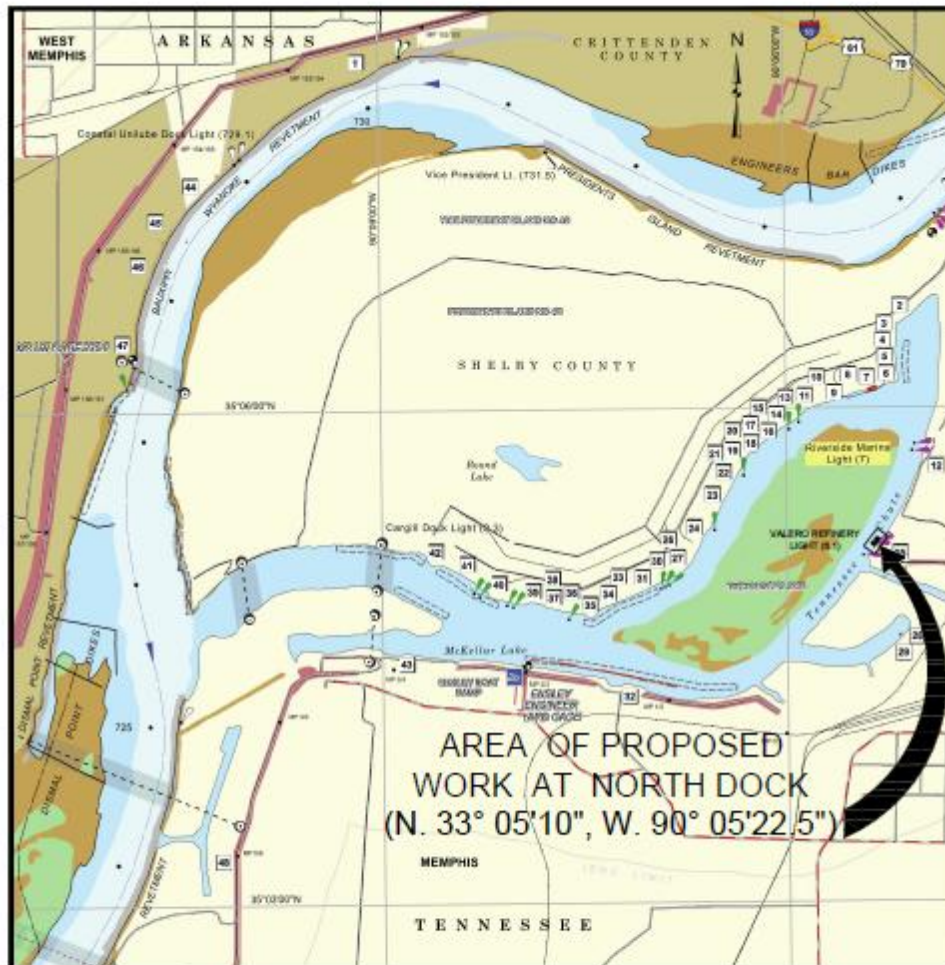
**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment

period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243



### VICINITY MAP

1" = 1 MILE



PROPOSED CELL REPLACEMENT AT NORTH DOCK  
FOR VALERO REFINERY - TENNESSEE CHUTE  
OF MISSISSIPPI RIVER, AT MILE 728  
SHELBY COUNTY TENNESSEE

DESIGNED: CM

DRAWN: BMB/WEO

SHEET

REV. DATE: 12-22-14

CHECKED: CM

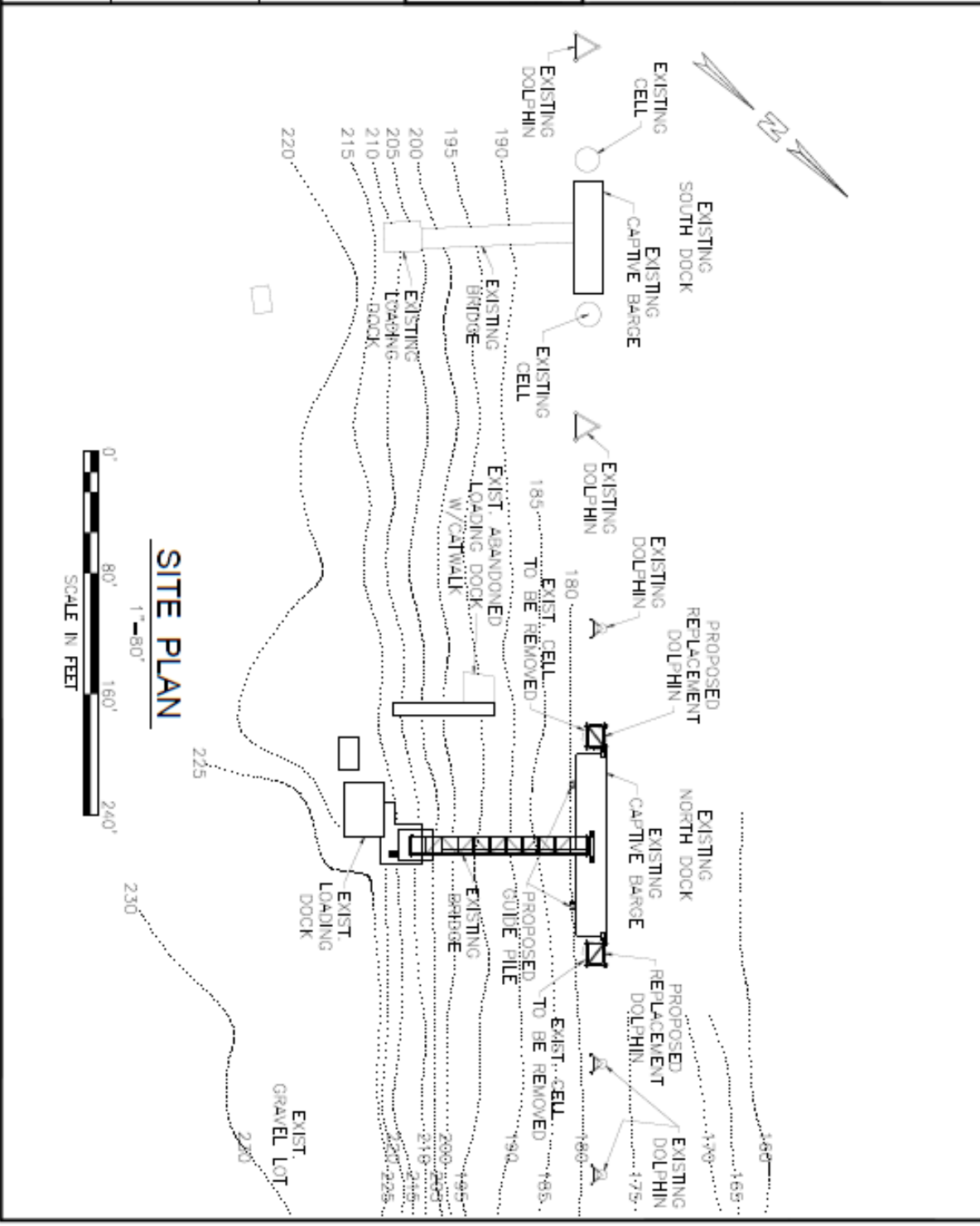
1 OF 4

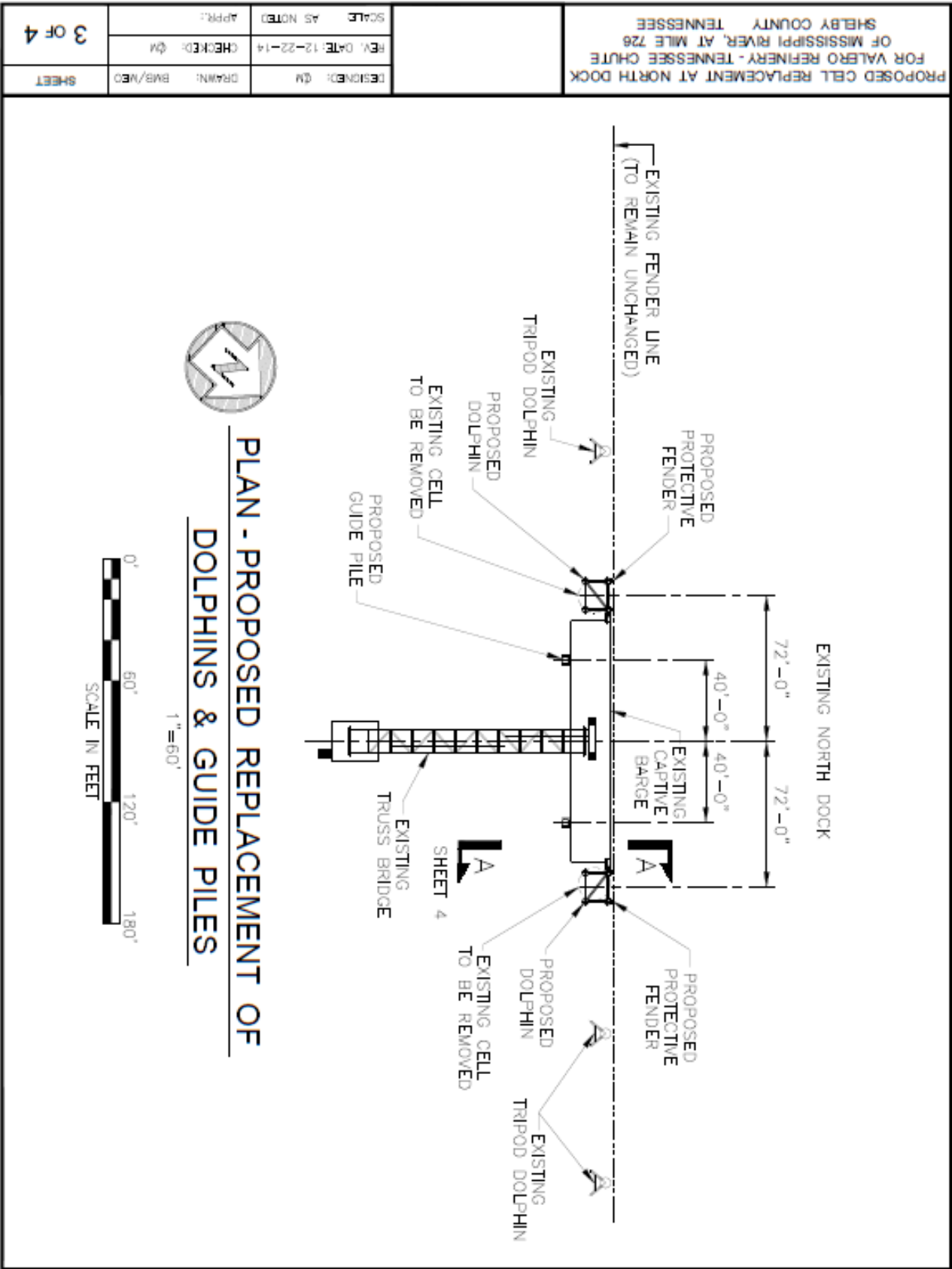
SCALE: AS NOTED

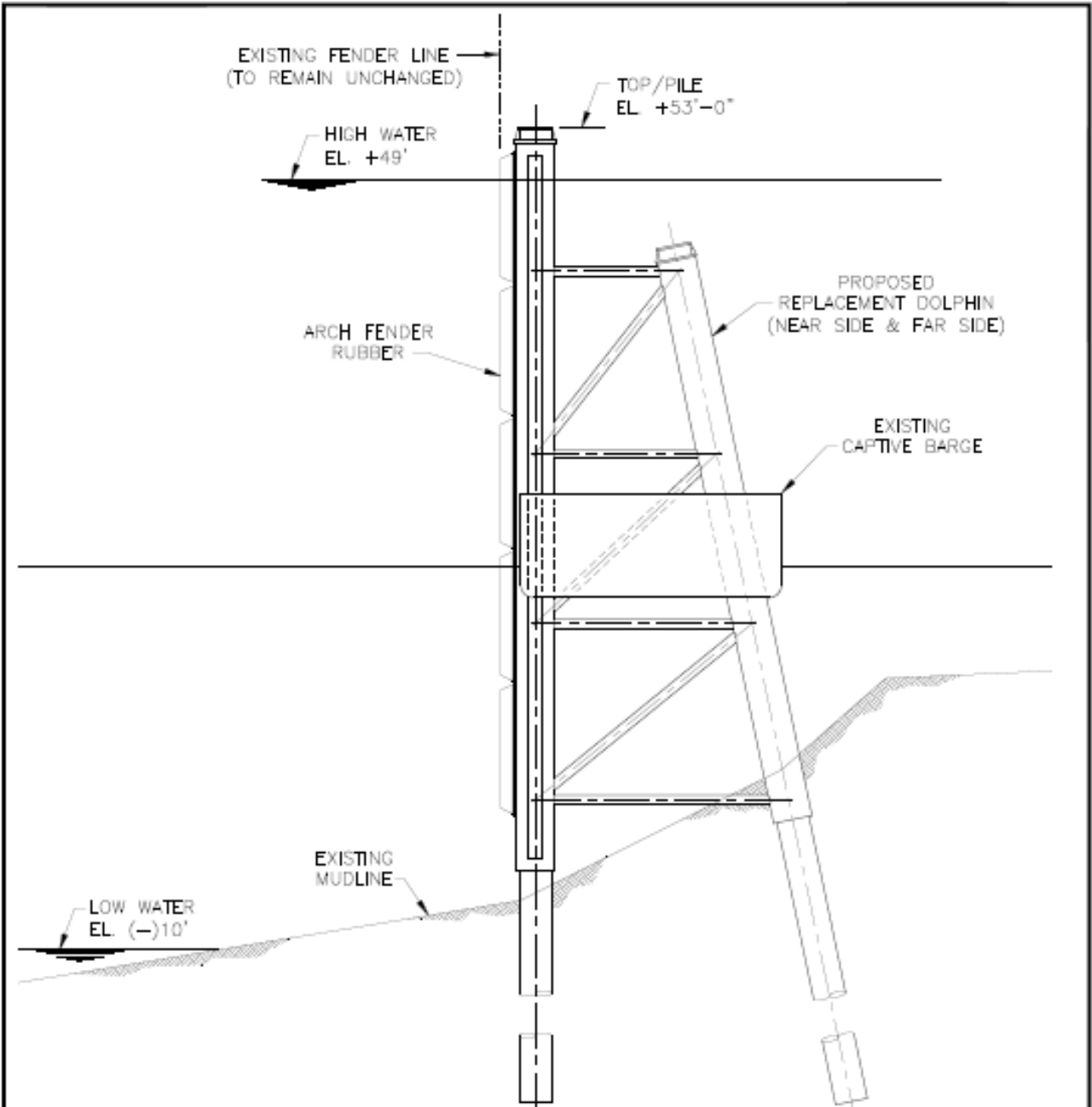
APPR:

PROPOSED CELL REPLACEMENT AT NORTH DOCK  
 FOR VALERO REFINERY - TENNESSEE CHUTE  
 OF MISSISSIPPI RIVER, AT MILE 726  
 SHELBY COUNTY TENNESSEE

DESIGNED: DM	DRAWN: BMB/MEC	SHEET
REV. DATE 12-22-14	CHECKED: DM	2 OF 4
SCALE AS NOTED	APPROV:	







## SECTION A-A

SHEET 3  
1"=10'

PROPOSED CELL REPLACEMENT AT NORTH DOCK  
FOR VALERO REFINERY - TENNESSEE CHUTE  
OF MISSISSIPPI RIVER, AT MILE 725  
SHELBY COUNTY TENNESSEE

DESIGNED: QM

DRAWN: BMB/ME0

SHEET

REV. DATE: 12-22-14

CHECKED: QM

4 OF 4

SCALE: AS NOTED

APPR.: